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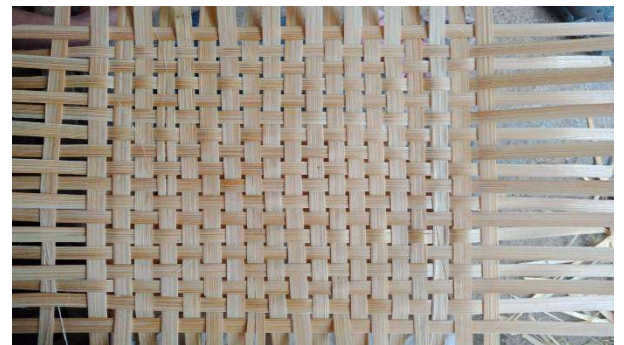
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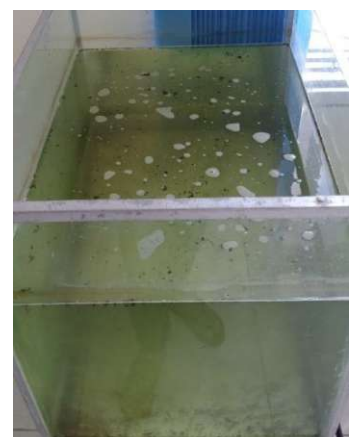
LAMPIRAN



Proses pemotongan bambu petung Toraja



Proses pembuatan bilah bambu dan proses penganyaman



Media perendaman bambu petung





Proses perendaman bambu petung



Semua media perendaman



Monitoring kadar salinitas air sungai menggunakan Refraktometer





Resin Epoxy dan Hardener



Proses Pembuatan Matrix Komposit





Proses Pembuatan Komposit

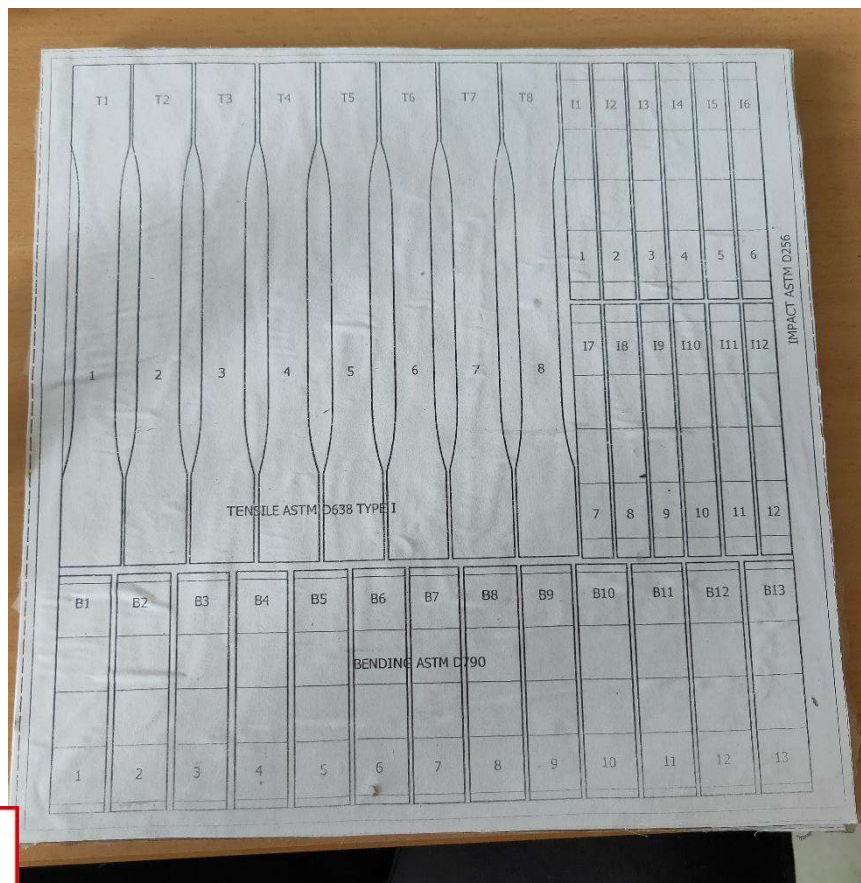


Proses Pembuatan Spesimen.





Hasil Pembuatan Komposit



Spesimen Sebelum Di Potong





Proses Pemotongan Panel Komposit



Proses Penyesuaian Dimensi



Spesimen Tarik



Spesimen Bending

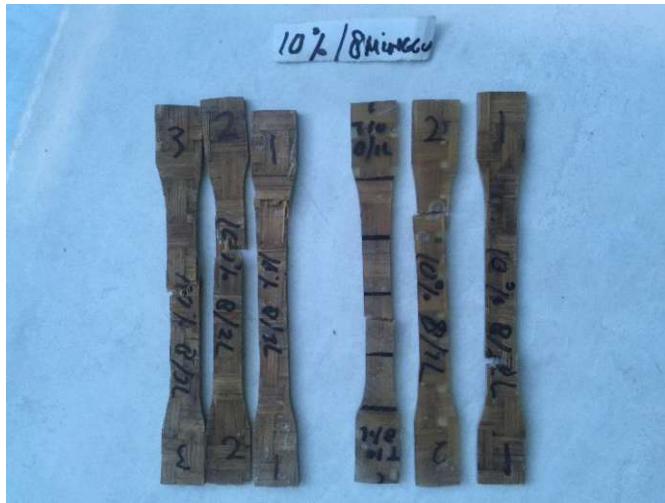


Spesimen Uji Impak



Hasil Patahan Uji Bending





Hasil Patahan Uji Tarik

Data Normal Dari Spesimen Bending Komposit Strip Anyaman Bambu

Normal	Panjang Total (Lt = mm)	Panjang Tumpuan (L = mm)	Lebar (b = mm)	Tebal (d = mm)	Defleksi (D = mm)	Beban (P = N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
SB0_1L_01	68,2	62	16,00	3,40	4,78	90,90	45,71	2,538%	3009,09
SB0_1L_02	68,2	62	16,60	3,50	2,80	86,10	39,38	1,532%	2610,07
SB0_1L_03	68,2	62	16,00	3,60	7,83	154,10	69,11	4,401%	2574,03
SB0_2L-01	68,2	62	16,00	3,80	5,33	211,60	85,17	3,160%	6074,16
SB0_2L-02	68,2	62	17,50	3,80	6,34	196,90	72,46	3,761%	3892,43
SB0_2L-03	68,2	62	17,20	3,80	6,50	259,80	97,28	3,857%	4513,44
SB0_3L_01	68,2	62	16,60	3,60	4,99	159,10	68,78	2,802%	4739,40
SB0_3L_02	68,2	62	16,40	3,70	5,08	254,50	105,42	2,933%	6550,71
SB0_3L_03	68,2	62	16,60	3,70	5,27	220,43	90,21	3,044%	5370,89



Data Pengujian Bending 2 minggu

2 MINGGU	Panjang Total (Lt = mm)	Panjang Tumpuan (L = mm)	Lebar (b = mm)	Tebal (d = mm)	Defleksi (D= mm)	Beban (P = N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
SB10_1L_01	68,2	62	15,90	3,00	5,76	100,80	65,51	2,697%	2776,24
SB10_1L_02	68,2	62	15,80	3,40	3,99	111,00	56,52	2,116%	2734,39
SB10_1L_03	68,2	62	16,10	2,85	5,56	92,40	65,71	2,472%	2893,26
SB10_2L-01	68,2	62	16,00	3,40	6,01	202,90	102,02	3,189%	6953,46
SB10_2L-02	68,2	62	16,60	3,40	6,66	198,60	96,25	3,532%	5510,46
SB10_2L-03	68,2	62	16,60	3,55	5,44	139,90	62,19	3,013%	4978,59
SB10_3L_01	68,2	62	17,00	4,50	4,50	270,15	72,98	3,161%	5310,89
SB10_3L_02	68,2	62	16,65	4,90	4,07	233,60	54,34	3,114%	3453,05
SB10_3L_03	68,2	62	17,00	4,40	2,00	281,40	79,52	1,376%	8004,88
SB20_1L_01	68,2	62	15,90	3,16	6,67	141,00	82,59	3,289%	3473,56
SB20_1L_02	68,2	62	16,00	3,30	7,00	152,20	81,24	3,606%	2896,72
SB20_1L_03	68,2	62	16,23	3,03	2,63	164,50	102,67	1,243%	3250,47
SB20_2L_01	68,2	62	15,70	3,30	4,16	146,90	79,91	2,141%	5044,93
SB20_2L_02	68,2	62	15,60	3,26	4,09	96,20	53,96	2,082%	3889,21
SB20_2L_03	68,2	62	15,70	3,23	2,92	109,80	62,34	1,471%	5067,34
SB20_3L_01	68,2	62	15,73	4,16	3,68	178,00	60,81	2,390%	5793,07
SB20_3L_02	68,2	62	16,00	3,96	3,84	109,40	40,55	2,372%	4028,50
SB20_3L_03	68,2	62	15,90	4,40	3,53	244,10	73,75	2,423%	4755,54
SB30_1L_01	68,2	62	15,06	3,23	5,07	93,00	55,05	2,554%	2497,69
SB30_1L_02	68,2	62	15,20	3,50	7,48	114,10	56,99	4,084%	2122,87
3	68,2	62	15,46	2,56	5,88	73,60	67,56	2,348%	3652,71
1	68,2	62	15,76	3,80	2,45	86,30	35,27	1,454%	3500,28
2	68,2	62	15,83	3,83	3,67	103,00	41,25	2,193%	2777,19
3	68,2	62	15,76	3,73	3,98	135,70	57,56	2,318%	4155,58
1	68,2	62	16,20	4,26	4,71	202,40	64,03	3,134%	4267,07
2	68,2	62	16,06	4,23	3,17	208,60	67,51	2,096%	5853,95



SB30_3L_03	68,2	62	15,86	4,43	4,42	237,40	70,93	3,053%	5424,33
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Data Pengujian Bending 4 minggu

4 MINGGU	Panjang Total (Lt = mm)	Panjang Tumpuan (L = mm)	Lebar (b = mm)	Tebal (d = mm)	Defleksi (D = mm)	Beban (P = N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
SB10_1L_01	68,2	62	16,00	3,25	6,13	150,40	82,76	3,109%	3416,51
SB10_1L_02	68,2	62	16,10	2,85	4,40	54,20	38,54	1,956%	2160,16
SB10_1L_03	68,2	62	15,85	3,00	5,71	146,40	95,44	2,676%	3901,26
SB10_2L-01	68,2	62	16,60	3,68	2,72	164,50	68,05	1,560%	5511,10
SB10_2L-02	68,2	62	16,50	3,86	2,86	146,80	55,53	1,725%	3818,93
SB10_2L-03	68,2	62	16,03	3,76	2,91	161,20	66,15	1,710%	5189,61
SB10_3L_01	68,2	62	16,40	4,40	1,89	177,10	51,87	1,299%	5045,24
SB10_3L_02	68,2	62	16,00	4,40	2,29	273,50	82,11	1,570%	6421,32
SB10_3L_03	68,2	62	16,50	4,30	3,56	274,90	83,80	2,388%	5506,11
SB20_1L_01	68,2	62	16,66	2,70	6,32	109,10	83,54	2,664%	3531,89
SB20_1L_02	68,2	62	17,40	3,06	3,71	107,30	61,25	1,772%	3523,71
SB20_1L_03	68,2	62	15,93	3,80	6,21	204,30	82,60	3,683%	2489,14
SB20_2L_01	68,2	62	16,33	3,43	3,26	129,20	62,54	1,746%	4854,81
SB20_2L_02	68,2	62	16,50	3,80	3,90	156,80	61,20	2,314%	4261,51
SB20_2L_03	68,2	62	15,83	3,83	4,20	211,30	84,63	2,510%	5903,91
SB20_3L_01	68,2	62	16,43	3,90	3,66	223,90	83,32	2,230%	6198,21
SB20_3L_02	68,2	62	16,00	3,80	3,83	214,00	86,14	2,272%	6803,23
SB20_3L_03	68,2	62	16,30	3,83	3,99	260,80	101,44	2,388%	8575,44
SB30_1L_01	68,2	62	15,90	3,66	6,36	167,20	73,01	3,636%	2582,28
SB30_1L_02	68,2	62	15,86	3,36	4,78	101,50	52,72	2,504%	2237,59
3	68,2	62	15,96	3,36	5,99	117,20	60,49	3,141%	2253,45
1	68,2	62	16,26	4,00	6,20	238,30	85,19	3,873%	2786,00
2	68,2	62	16,33	3,73	7,15	215,70	88,29	4,165%	3924,67
3	68,2	62	16,36	3,73	3,75	165,40	67,58	2,184%	4260,20
1	68,2	62	17,26	4,63	2,73	300,90	75,63	1,970%	6257,17
2	68,2	62	16,00	4,35	2,55	207,40	63,71	1,728%	5569,56



SB30_3L_03	68,2	62	16,60	4,46	2,73	241,20	67,93	1,903%	5741,59
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Data Pengujian Bending 6 Minggu

6 MINGGU	Panjang Total (Lt = mm)	Panjang Tumpuan (L = mm)	Lebar (b = mm)	Tebal (d= mm)	Defleksi (D = mm)	Beban (P = N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
SB10_1L_01	68,2	62	16,83	3,80	6,27	114,70	43,89	3,721%	1383,84
SB10_1L_02	68,2	62	16,16	3,00	5,05	111,00	70,98	2,366%	3385,33
SB10_1L_03	68,2	62	17,66	3,03	4,25	97,90	56,16	2,010%	2889,44
SB10_2L-01	68,2	62	16,10	3,63	1,99	118,10	51,77	1,130%	5560,80
SB10_2L-02	68,2	62	16,43	3,40	3,78	74,38	36,42	2,003%	4772,74
SB10_2L-03	68,2	62	16,30	3,20	2,98	107,45	59,87	1,488%	4698,45
SB10_3L_01	68,2	62	16,50	4,10	2,65	225,50	75,61	1,698%	5995,05
SB10_3L_02	68,2	62	15,70	4,20	2,07	151,60	50,91	1,356%	4872,27
SB10_3L_03	68,2	62	16,20	4,10	2,84	191,70	65,47	1,819%	4685,90
SB20_1L_01	68,2	62	16,13	3,56	5,32	151,60	68,97	2,957%	3202,58
SB20_1L_02	68,2	62	16,86	3,40	5,54	183,00	87,32	2,938%	3236,32
SB20_1L_03	68,2	62	16,10	3,60	5,61	109,70	48,89	3,155%	3291,10
SB20_2L_01	68,2	62	16,20	3,80	3,09	208,20	82,77	1,830%	6100,27
SB20_2L_02	68,2	62	16,20	3,80	4,43	172,80	68,70	2,629%	5489,84
SB20_2L_03	68,2	62	16,30	3,80	3,54	217,00	85,74	2,101%	4662,15
SB20_3L_01	68,2	62	15,80	3,53	3,42	170,20	80,40	1,887%	6149,29
02	68,2	62	16,30	3,90	2,51	211,90	79,49	1,529%	7627,20
03	68,2	62	15,70	4,00	2,88	263,60	97,59	1,795%	8910,91
01	68,2	62	15,96	3,76	4,99	174,30	71,84	2,929%	2839,26
02	68,2	62	16,06	3,63	6,33	167,40	73,57	3,585%	2471,50
03	68,2	62	16,10	3,63	7,49	185,00	81,10	4,241%	2545,31
01	68,2	62	16,00	3,90	3,90	168,30	64,32	2,371%	4209,47



SB30_2L_02	68,2	62	16,10	3,56	2,64	126,00	57,43	1,465%	4461,98
SB30_2L_03	68,2	62	15,96	3,60	3,01	129,90	58,41	1,691%	4068,63
SB30_3L_01	68,2	62	16,46	4,13	4,95	166,30	55,09	3,189%	4915,50
SB30_3L_02	68,2	62	16,06	4,36	2,63	207,70	63,27	1,791%	5296,12
SB30_3L_03	68,2	62	16,26	4,06	4,00	150,90	52,36	2,535%	5061,91

Data Pengujian Bending 8 Minggu

8 MINGGU	Panjang Total (Lt = mm)	Panjang Tumpuan (L = mm)	Lebar (b = mm)	Tebal (d = mm)	Defleksi (D = mm)	Beban (P = N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
SB10_1L_01	68,2	62	16,33	3,53	6,84	175,60	80,25	3,768%	2664,22
SB10_1L_02	68,2	62	16,50	3,63	3,89	138,30	59,16	2,206%	2747,11
SB10_1L_03	68,2	62	15,56	3,43	7,28	184,10	93,53	3,896%	3246,91
SB10_2L-01	68,2	62	15,76	3,76	2,18	86,20	35,98	1,281%	2851,02
SB10_2L-02	68,2	62	15,70	3,56	4,35	173,30	81,00	2,415%	4664,01
SB10_2L-03	68,2	62	15,90	3,56	5,10	159,90	73,80	2,834%	5060,05
SB10_3L_01	68,2	62	15,93	4,23	3,83	237,80	77,59	2,529%	4836,33
SB10_3L_02	68,2	62	16,40	4,40	3,14	225,00	65,90	2,157%	5802,82
SB10_3L_03	68,2	62	16,06	4,33	5,71	218,40	67,46	3,861%	5699,56
SB20_1L_01	68,2	62	16,00	3,23	2,71	89,50	49,86	1,366%	3703,79
SB20_1L_02	68,2	62	16,26	3,10	1,96	105,35	62,70	0,947%	3209,49
SB20_1L_03	68,2	62	16,20	3,23	6,89	138,00	75,93	3,476%	3036,86
SB20_2L_01	68,2	62	16,00	3,40	3,45	186,00	93,52	1,831%	6313,09
SB20_2L_02	68,2	62	16,00	3,20	6,31	155,00	87,98	3,151%	8046,84
SB20_2L_03	68,2	62	15,60	3,60	1,95	132,00	60,72	1,096%	6360,26
SB20_3L_01	68,2	62	16,90	3,96	2,52	139,00	48,78	1,559%	4781,35
SB20_3L_02	68,2	62	15,93	3,73	4,01	190,30	79,85	2,335%	6440,18
SB20_3L_03	68,2	62	16,60	3,50	3,50	152,90	69,93	1,913%	5997,82
SB30_2L_01	68,2	62	16,16	3,73	4,89	159,40	65,93	2,845%	2600,51
SB30_2L_02	68,2	62	15,63	3,73	3,82	99,50	42,55	2,224%	1993,73



SB30_1L_03	68,2	62	15,83	3,33	8,13	149,90	79,42	4,225%	2490,50
SB30_2L_01	68,2	62	16,60	3,53	2,32	105,90	47,61	1,280%	4184,24
SB30_2L_02	68,2	62	16,00	3,36	3,11	82,40	42,42	1,633%	2973,25
SB30_2L_03	68,2	62	15,76	3,73	3,53	142,90	60,61	2,054%	4019,52
SB30_3L_01	68,2	62	16,33	4,43	3,06	185,30	53,77	2,115%	3722,76
SB30_3L_02	68,2	62	16,26	4,20	3,26	139,70	45,30	2,135%	3529,39
SB30_3L_03	68,2	62	16,40	4,26	6,17	167,80	52,43	4,105%	3240,79

Data Normal Dari Spesimen Tarik Komposit Strip Anyaman Bambu

0 MINGGU	L (mm)	ΔL (mm)	T (mm)	W (mm)	Ao (mm ²)	P (N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
T0_1L_01	90	1,07	3,10	12,60	39,06	1238,70	31,71	1,192%	3111,30
T0_1L_02	90	0,98	2,80	13,10	36,68	1194,70	32,57	1,083%	3276,25
T0_1L_03	90	1,51	3,60	12,85	46,26	2252,70	48,70	1,678%	3834,42
T0_2L_01	90	1,48	2,80	13,00	36,40	1541,00	42,34	1,644%	3592,38
T0_2L_02	90	1,34	2,90	12,90	37,41	1755,70	46,93	1,486%	4372,16
T0_2L_03	90	1,39	3,80	13,10	49,78	2242,90	45,06	1,549%	3821,64
T0_3L_01	90	1,92	3,90	13,00	50,70	3499,00	69,01	2,133%	3938,20
T0_3L_02	90	2,06	3,30	12,20	40,26	3394,00	84,30	2,287%	4772,03
T0_3L_03	90	1,31	3,50	13,30	46,55	2492,50	53,54	1,456%	4582,17





Data Pengujian Tarik 2 Minggu

2 MINGGU	L (mm)	ΔL (mm)	T (mm)	W (mm)	Ao (mm ²)	P (N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
T10_1L_01	90	1,88	3,20	13,12	41,98	1327,10	31,61	2,091%	2433,36
T10_1L_02	90	1,24	2,86	13,10	37,47	1095,60	29,24	1,373%	2752,01
T10_1L_03	90	1,31	2,60	13,20	34,32	1117,30	32,56	1,458%	2409,32
T10_2L-01	90	1,88	3,28	13,82	45,33	2287,90	50,47	2,093%	3588,72
T10_2L-02	90	2,52	3,42	13,54	46,31	3442,00	74,33	2,803%	3497,58
T10_2L-03	90	2,53	3,18	13,56	43,12	3241,00	75,16	2,807%	3125,06
T10_3L_01	90	2,78	4,04	12,62	50,98	5107,00	100,17	3,092%	4224,80
T10_3L_02	90	2,33	4,14	12,92	53,49	4540,00	84,88	2,593%	4250,60
T10_3L_03	90	2,33	3,88	13,20	51,22	4031,00	78,71	2,587%	4071,36
T20_1L_01	90	1,09	3,28	12,18	39,95	1189,50	29,77	1,211%	2726,29
T20_1L_02	90	1,29	3,28	12,18	39,95	1463,90	36,64	1,433%	2974,37
T20_1L_03	90	1,90	3,28	12,18	39,95	2432,10	60,88	2,112%	3144,54
T20_2L_01	90	1,40	2,92	13,52	39,48	2017,50	51,10	1,552%	3640,36
T20_2L_02	90	1,52	3,10	12,58	39,00	2250,40	57,71	1,689%	4176,38
T20_2L_03	90	1,05	3,28	12,46	40,87	1520,30	37,20	1,161%	3613,66
T20_3L_01	90	1,03	4,18	13,02	54,42	1856,50	34,11	1,144%	3867,14
T20_3L_02	90	1,69	4,34	13,08	56,77	3335,00	58,75	1,878%	4116,41
T20_3L_03	90	0,96	3,98	13,34	53,09	1851,10	34,87	1,069%	4229,36
T30_1L_01	90	1,37	3,10	12,88	39,93	1299,00	32,53	1,523%	2388,95
T30_1L_02	90	1,11	1,58	12,44	19,66	829,90	42,22	1,232%	3550,85
T30_1L_03	90	0,88	2,36	12,48	29,45	1156,50	39,27	0,979%	4264,19
T30_2L_01	90	1,14	3,28	12,78	41,92	1791,90	42,75	1,267%	3909,31
T30_2L_02	90	0,94	3,34	12,18	40,68	1631,70	40,11	1,047%	3692,63
T30_2L_03	90	0,79	3,64	12,26	44,63	1513,30	33,91	0,877%	4248,92
T30_3L_01	90	1,16	4,24	12,74	54,02	2350,20	43,51	1,289%	4307,66
T30_3L_02	90	1,94	4,28	12,80	54,78	3253,00	59,38	2,159%	4807,40
T30_3L_03	90	1,31	4,18	12,96	54,17	2697,00	49,79	1,453%	4326,37



Data Pengujian Tarik 4 Minggu

4 MINGGU	L (mm)	ΔL (mm)	T (mm)	W (mm)	Ao (mm ²)	P (N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
T10_1L_01	90	1,35	2,56	12,38	31,69	2113,60	66,69	1,502%	4877,93
T10_1L_02	90	0,99	1,98	11,50	22,77	970,50	42,62	1,104%	4422,86
T10_1L_03	90	1,28	2,47	12,89	31,84	1950,00	61,25	1,422%	4523,89
T10_2L_01	90	1,22	2,56	13,34	34,15	2503,90	73,32	1,353%	5983,23
T10_2L_02	90	1,06	3,32	11,60	38,51	2301,08	59,75	1,178%	4098,17
T10_2L_03	90	1,12	3,58	12,06	43,17	2040,20	47,25	1,242%	4128,48
T10_3L_01	90	1,69	4,18	12,70	53,09	3005,00	56,61	1,878%	3940,51
T10_3L_02	90	1,23	3,66	12,84	46,99	2294,00	48,81	1,366%	4055,09
T10_3L_03	90	1,06	4,10	12,44	51,00	2065,00	40,49	1,179%	4365,02
T20_1L_01	90	1,29	3,30	13,42	44,29	1571,26	35,48	1,434%	2280,29
T20_1L_02	90	1,81	3,70	12,00	44,40	2187,70	49,27	2,008%	2668,36
T20_1L_03	90	1,57	3,40	12,00	40,80	1896,00	46,47	1,744%	2480,29
T20_2L_01	90	0,89	2,90	12,36	35,84	1264,30	35,27	0,990%	3942,08
T20_2L_02	90	1,05	3,70	12,00	44,40	1765,10	39,75	1,163%	4076,12
T20_2L_03	90	1,19	2,48	12,46	30,90	1720,50	55,68	1,318%	5854,22
T20_3L_01	90	1,45	4,04	13,40	54,14	2628,00	48,54	1,607%	4024,21
T20_3L_02	90	1,64	4,02	12,38	49,77	2586,40	51,97	1,819%	4270,24
T20_3L_03	90	1,51	4,12	12,18	50,18	2512,40	50,07	1,673%	3822,49
T30_1L_01	90	1,31	2,36	11,78	27,80	1130,90	40,68	1,460%	3066,14
T30_1L_02	90	1,33	2,78	12,48	34,69	1358,30	39,15	1,482%	3188,64
T30_1L_03	90	1,23	3,36	12,14	40,79	1221,10	29,94	1,362%	2820,68
T30_2L_01	90	2,25	2,90	12,86	37,29	3580,00	95,99	2,494%	4643,80
T30_2L_02	90	1,69	3,18	12,50	39,75	2861,00	71,97	1,872%	4662,87
T30_2L_03	90	1,46	3,40	13,36	45,42	2278,00	50,15	1,622%	3429,21
T30_3L_01	90	1,81	4,18	12,86	53,75	3134,00	58,30	2,007%	3279,84



T30_3L_02	90	2,09	3,82	13,34	50,96	3244,00	63,66	2,320%	3871,64
T30_3L_03	90	1,37	4,28	12,82	54,87	1921,90	35,03	1,517%	3705,60

Data Pengujian Tarik 6 Minggu

6 MINGGU	L (mm)	ΔL (mm)	T (mm)	W (mm)	Ao (mm ²)	P (N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
T10_1L_01	90	1,27	1,96	12,78	25,05	1286,20	51,35	1,406%	3733,07
T10_1L_02	90	0,86	3,02	11,20	33,82	994,10	29,39	0,953%	3218,87
T10_1L_03	90	0,55	1,98	11,50	22,77	430,00	18,88	0,609%	3074,24
T10_2L_01	90	1,66	2,56	13,34	34,15	1739,40	50,93	1,841%	3723,90
T10_2L_02	90	1,23	3,20	11,96	38,27	1900,20	49,65	1,367%	4479,78
T10_2L_03	90	1,19	3,58	12,06	43,17	1704,90	39,49	1,326%	3271,46
T10_3L_01	90	0,78	3,90	12,76	49,76	1553,10	31,21	0,864%	4458,04
T10_3L_02	90	0,86	4,10	12,44	51,00	1738,60	34,09	0,954%	4364,15
T10_3L_03	90	1,16	4,18	12,70	53,09	2176,40	41,00	1,289%	4216,62
T20_1L_01	90	1,39	2,72	12,26	33,35	1216,40	36,48	1,547%	2663,52
T20_1L_02	90	1,32	2,70	12,00	32,40	1588,70	49,03	1,462%	3452,79
T20_1L_03	90	0,82	2,64	11,94	31,52	917,20	29,10	0,916%	3654,99
T20_2L_01	90	0,53	3,52	12,44	43,79	836,30	19,10	0,593%	4082,61
T20_2L_02	90	1,97	3,48	12,10	42,11	2709,00	64,33	2,186%	3976,84
T20_2L_03	90	2,39	3,68	12,68	46,66	2233,20	47,86	2,652%	2115,09
T20_3L_01	90	1,43	3,46	12,64	43,73	2018,20	46,15	1,584%	5189,76
T20_3L_02	90	1,35	3,56	12,72	45,28	2224,80	49,13	1,501%	3657,14
T20_3L_03	90	1,28	3,62	12,56	45,47	1986,80	43,70	1,422%	4538,60
T30_1L_01	90	1,29	3,10	12,56	38,94	1357,50	34,86	1,430%	2694,74
T30_1L_02	90	1,28	2,58	13,44	34,68	1265,60	36,50	1,417%	2824,45
T30_1L_03	90	1,22	2,74	12,34	33,81	1604,10	47,44	1,360%	3894,10
T30_2L_01	90	1,18	2,94	12,44	36,57	1723,81	47,13	1,306%	4397,55
T30_2L_02	90	0,79	2,62	12,48	32,70	1211,30	37,05	0,874%	4802,12



T30_2L_03	90	1,12	3,52	11,74	41,32	1921,20	46,49	1,239%	4682,42
T30_3L_01	90	1,55	4,28	12,80	54,78	2494,20	45,53	1,719%	3586,57
T30_3L_02	90	1,03	4,88	12,16	59,34	1751,50	29,52	1,147%	3518,66
T30_3L_03	90	1,51	4,26	11,86	50,52	1623,30	32,13	1,681%	3641,73

Data Pengujian Tarik 8 Minggu

8 MINGGU	L (mm)	ΔL (mm)	T (mm)	W (mm)	Ao (mm ²)	P (N)	σ (N/mm ²)	ϵ (%)	E (N/mm ²)
T10_1L_01	90	1,49	3,60	12,54	45,14	1792,40	39,70	1,656%	2657,77
T10_1L_02	90	1,22	3,80	12,74	48,41	1384,10	28,59	1,353%	2301,19
T10_1L_03	90	1,73	3,16	12,08	38,17	1945,60	50,97	1,921%	3252,80
T10_2L_01	90	0,92	3,44	12,76	43,89	976,10	22,24	1,021%	2984,23
T10_2L_02	90	1,19	3,52	12,78	44,99	1278,00	28,41	1,322%	3307,73
T10_2L_03	90	1,62	3,36	12,20	40,99	1938,60	47,29	1,796%	3626,94
T10_3L_01	90	1,62	3,80	12,96	49,25	1585,20	32,19	1,801%	2959,00
T10_3L_02	90	1,45	3,90	12,52	48,83	1491,70	30,55	1,613%	3213,90
T10_3L_03	90	1,45	3,90	12,68	49,45	1642,54	33,21	1,611%	4057,89
T20_1L_01	90	1,19	3,14	12,18	38,25	1706,90	44,63	1,324%	3679,61
T20_1L_02	90	1,13	3,46	12,40	42,90	1246,90	29,06	1,254%	2735,99
T20_1L_03	90	0,47	3,14	12,62	39,63	495,40	12,50	0,521%	2549,22
T20_2L_01	90	1,42	3,30	12,84	42,37	2419,30	57,10	1,581%	3928,68
T20_2L_02	90	1,43	2,90	12,90	37,41	1725,60	46,13	1,592%	4136,68
T20_2L_03	90	1,51	3,30	12,84	42,37	2293,40	54,13	1,679%	3948,74
T20_3L_01	90	1,69	4,22	12,94	54,61	2317,30	42,44	1,872%	3684,79
T20_3L_02	90	1,29	4,28	13,08	55,98	2187,80	39,08	1,429%	3522,45
T20_3L_03	90	1,50	4,20	12,58	52,84	2133,30	40,38	1,664%	3007,28
T30_1L_01	90	1,19	2,58	13,44	34,68	1338,80	38,61	1,318%	3019,62
T30_1L_02	90	1,65	3,10	12,56	38,94	1615,70	41,50	1,837%	2609,71
T30_1L_03	90	1,47	2,74	12,34	33,81	1519,00	44,93	1,628%	3021,67



T30_2L_01	90	1,30	3,52	11,74	41,32	1754,10	42,45	1,449%	3606,30
T30_2L_02	90	1,33	2,94	12,44	36,57	1915,40	52,37	1,477%	4293,91
T30_2L_03	90	1,15	2,62	12,48	32,70	1566,50	47,91	1,274%	4182,13
T30_3L_01	90	1,96	4,28	12,80	54,78	3257,00	59,45	2,172%	3506,66
T30_3L_02	90	1,33	4,26	11,86	50,52	2427,80	48,05	1,481%	3996,58
T30_3L_03	90	1,10	4,08	12,16	49,61	1773,80	35,75	1,226%	3656,60



Data Normal Dari Spesimen Impak Komposit Strip Anyaman Bambu

0 Minggu	Tenaga Patahan (Joule)	Kekuatan Impak (kJ/m ²)
I0-1L-01	0,2755	7,7309
I0-1L-02	0,2683	10,2783
I0-1L-03	0,2755	8,5462
I0-2L-01	0,4651	13,6792
I0-2L-02	0,4651	14,9069
I0-2L-03	0,5851	15,0595
I0-3L-01	0,6261	16,1026
I0-3L-02	0,5446	15,1057
I0-3L-03	0,5851	15,9330

Data Pengujian Impak 2 Minggu

2 Minggu	Tenaga Patahan (Joule)	Kekuatan Impak (kJ/m ²)
I10-1L-01	0,5851	18,5341
I10-1L-02	0,3124	9,2451
I10-1L-03	0,3124	9,9125
I10-2L-01	0,4261	12,3185
I10-2L-02	0,5446	15,0080
I10-2L-03	0,4261	11,5298
I10-3L-01	0,5851	14,0073
I10-3L-02	0,6676	14,4262
I10-3L-03	0,6676	14,6171
I20-1L-01	0,1334	3,7836
I20-1L-02	0,3498	11,2765
I20-1L-03	0,2034	7,2521
I20-2L-01	0,4261	11,6198
I20-2L-02	0,5046	14,0699
I20-2L-03	0,2034	5,6732
I20-3L-01	0,4261	9,6575
I20-3L-02	0,2755	6,9439
I20-3L-03	0,3498	7,9507
I30-1L-01	0,1681	6,0052
I30-1L-02	0,2755	9,6568
I30-1L-03	0,3124	9,8455
I30-2L-01	0,2034	5,6087
I30-2L-02	0,1681	4,6630
I30-2L-03	0,2392	6,9746
I30-3L-01	0,5851	14,0459
I30-3L-02	0,4261	10,4895
I30-3L-03	0,4261	10,1012



Data Pengujian Impak 4 Minggu

4 Minggu	Tenaga Patahan (Joule)	Kekuatan Impak (kJ/m ²)
I10-1L-01	0,2392	6,8076
I10-1L-02	0,2755	8,0128
I10-1L-03	0,1334	4,0401
I10-2L-01	0,3498	9,4695
I10-2L-02	0,2034	6,5123
I10-2L-03	0,2755	8,0259
I10-3L-01	0,2755	6,5063
I10-3L-02	0,2034	5,0035
I10-3L-03	0,2034	3,7668
I20-1L-01	0,3124	9,1944
I20-1L-02	0,2755	8,4491
I20-1L-03	0,2755	8,2157
I20-2L-01	0,3124	9,5254
I20-2L-02	0,2034	1,9101
I20-2L-03	0,2034	5,9191
I20-3L-01	0,3877	9,3207
I20-3L-02	0,3877	9,5371
I20-3L-03	0,3877	8,9827
I30-1L-01	0,2755	7,5287
I30-1L-02	0,2034	5,7140
I30-1L-03	0,1334	4,8968
I30-2L-01	0,2392	7,0618
I30-2L-02	0,1681	5,3715
I30-2L-03	0,2034	5,3520
I30-3L-01	0,3124	6,9749
I30-3L-02	0,2034	4,4482
I30-3L-03	0,2755	6,6834



Data Pengujian Impak 6 Minggu

6 Minggu	Tenaga Patahan (Joule)	Kekuatan Impak (kJ/m ²)
I10-1L-01	0,2755	6,9601
I10-1L-02	0,3498	8,6190
I10-1L-03	0,2755	6,9337
I10-2L-01	0,2755	6,7138
I10-2L-02	0,2034	5,3458
I10-2L-03	0,2392	7,1767
I10-3L-01	0,4261	10,3691
I10-3L-02	0,3498	8,6926
I10-3L-03	0,3877	9,7049
I20-1L-01	0,2392	7,2546
I20-1L-02	0,2392	5,7408
I20-1L-03	0,4651	10,6384
I20-2L-01	0,4651	13,1796
I20-2L-02	0,3498	9,9361
I20-2L-03	0,4261	11,1716
I20-3L-01	0,3498	9,1699
I20-3L-02	0,4261	12,1051
I20-3L-03	0,2034	5,7640
I30-1L-01	0,3498	9,3821
I30-1L-02	0,5046	14,4656
I30-1L-03	0,3124	8,7188
I30-2L-01	0,3124	8,9032
I30-2L-02	0,2755	8,0103
I30-2L-03	0,2034	5,9469
I30-3L-01	0,3877	11,0494
I30-3L-02	0,3877	11,2713
I30-3L-03	0,2755	8,0557



Data Pengujian Impak 8 Minggu

8 Minggu	Tenaga Patahan (Joule)	Kekuatan Impak (kJ/m ²)
I10-1L-01	0,1681	4,3160
I10-1L-02	0,2392	6,7832
I10-1L-03	0,2755	7,8270
I10-2L-01	0,2034	5,8471
I10-2L-02	0,2034	5,4436
I10-2L-03	0,2392	6,3418
I10-3L-01	0,2755	6,2890
I10-3L-02	0,4261	9,6797
I10-3L-03	0,2755	6,1715
I20-1L-01	0,2034	5,5590
I20-1L-02	0,2392	18,5082
I20-1L-03	0,0992	3,1264
I20-2L-01	0,2755	7,4593
I20-2L-02	0,2755	7,3812
I20-2L-03	0,2392	44,7482
I20-3L-01	0,4261	10,7653
I20-3L-02	0,5046	13,5169
I20-3L-03	0,3498	9,4695
I30-1L-01	0,2034	5,8573
I30-1L-02	0,2034	6,2789
I30-1L-03	0,1681	5,3335
I30-2L-01	0,1681	4,5304
I30-2L-02	0,1334	4,1776
I30-2L-03	0,1334	4,4499
I30-3L-01	0,3124	8,4169
I30-3L-02	0,2034	6,3686
I30-3L-03	0,2034	6,7321

